



IN THE CLAIMS

Please amend the claims as follows.

Please cancel claims 1-18, 20-22, and 24-26 without prejudice or disclaimer to their reintroduction, for instance, in a future application.

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19. (Amended) A radiation-curable [coating] composition according to claim [18] 21, wherein said hydrocarbon backbone is fully saturated.

Please add new claims 27-49

Sub D2 27. (New)

A radiation curable composition comprising:

- (a) an acrylate functional urethane oligomer having a hydrocarbon backbone;
- (b) one or more mono- or polyfunctional diluents;
- (c) an adhesion promotor; and optionally
- (d) one or more light sensitive radical generating compounds.

28. (New) The composition of claim 27, wherein the adhesion promotor includes an acidic adhesion promotor.

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29. (New) The composition of claim 27, wherein the adhesion promoter includes
Sup 627 a phosphoric acid based compound.

30. (New) The composition of claim 27, wherein said composition, after cure, has
a dielectric dissipation factor at 60 Hz and 150°C of lower than about 0.2.

31. (New) The composition of claim 30, wherein said composition, after cure, has
a dielectric dissipation factor at 60 Hz and 24°C of lower than about 0.05.

32. (New) The composition of claim 31, wherein said composition after cure has
an elongation at 25°C of at least about 50%.

33. (New) The composition of claim 32, wherein the urethane oligomer is the
reaction product of a hydrocarbon polyol, a polyisocyanate and an hydroxyfunctional
endcapping monomer.

34. (New) The composition of claim 33, wherein the polyisocyanate is an
aliphatic polyisocyanate.

35. (New) The composition of claim 34, further comprising from about 0.2 % by
weight to about 5 % by weight, relative to the total composition, of a pigment or dye.

36. (New) The composition of claim 27, wherein said one or more mono- or
polyfunctional diluents are acrylate functional.

H 37. (New) The composition of claim 27, wherein the adhesion promoter is present in an amount of from about 0.2 % by weight to about 5 % by weight, relative to the total composition.

H 38. (New) The composition of claim 27, wherein the urethane oligomer is present in an amount of from about 20 % by weight to about 80 % by weight, relative to the total composition, and the one or more mono- or polyfunctional diluents are present in an amount of from about 20 % by weight to about 80 % by weight, relative to the total composition.

H 39. (New) The composition of claim 38, wherein the adhesion promoter is present in an amount of from about 0.2 % by weight to about 5 % by weight, relative to the total composition.

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cut 40. (New) The composition of claim 39, wherein the light sensitive radical generating compounds are present in an amount of from about 1 % by weight to about 10 % by weight, relative to the total composition.

41. (New) The composition of claim 27, comprising a monofunctional diluent and a polyfunctional diluent.

42. (New) The composition of claim 41, wherein the mono- and polyfunctional diluent are acrylate functional diluents.

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43. (New) The composition of claim 27, wherein the adhesion promoter is present in an amount of from about 0.2 % by weight to about 4 % by weight, relative to the total composition.

44. (New) The composition of claim 42, wherein the urethane oligomer is present in an amount of from about 30 % by weight to about 65 % by weight, the mono-acrylate functional diluent is present in an amount of from about 10 % by weight to about 50 % by weight, and the polyacrylate functional diluent is present in an amount of from about 5 % by weight to about 40 % by weight, all relative to the total weight of the composition.

45. (New) The composition of claim 44, wherein the adhesion promoter is present in an amount of from about 0.2 % by weight to about 4 % by weight, relative to the total composition.

46. (New) The composition of claim 45, wherein the light sensitive radical generating compounds are present in an amount of from about 2 % by weight to about 7 % by weight, relative to the total composition.

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47. (New) The composition of claim 27, wherein the hydrocarbon backbone has a molecular weight of from about 200 to about 5,000.

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48. (New) The composition of claim 27, wherein the hydrocarbon backbone has a molecular weight of from about 400 to about 4,000.

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